

**SPECIAL PROCEDURES SUBMISSION**  
**ATTORNEY DOCKET NO: S01364/70033 PCL**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Roy Martin  
Serial No: 10/083,284  
Confirmation No: 4144  
Filed: February 26, 2002  
For: FREE RADICAL GENERATOR AND METHOD

Examiner: Frank M. Lawrence, Jr.  
Art Unit: 1724

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**DEC 23 2004**  
**OFFICE OF PETITIONS**

**CERTIFICATE OF MAILING UNDER 37 CFR §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 23 day of December, 2004.

  
Jeanne W. Chub

**Mail Stop Amendment**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**STATEMENT FILED PURSUANT TO THE DUTY OF**  
**DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

**PART I: Compliance with 37 C.F.R. §1.97**

This Information Disclosure Statement has been filed before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. §1.114.

No fee or certification is required.

**PART II: Compliance with 37 CFR §1.704(d)**

Each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart application and this communication was not received by the office of the undersigned more than 30 days prior to filing of this Information Disclosure Statement.

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**PART III: Information Cited**

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

DE 19530086 appears to be directed to the treatment of surface or waste water. An English language abstract is provided.

DE 19949434 appears to be directed to a fuzzy logic controlled ultra-violet and hydrogen peroxide waste water treatment process. An English language abstract is provided.

**PART IV: Remarks**

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

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Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,  
*Roy Martin, Applicant*

By: 

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Date: December 23, 2004

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|---|---|--------------------------------|---|----------------------------------|--|
| <b>FORM PTO-1449/A and B (Modified)</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   | APPLICATION NO.: 10/083,284    |   | ATTY. DOCKET NO.: S01364/70033   |  |
|   |   | FILING DATE: February 26, 2002 |   | CONFIRMATION NO.: 4144           |  |
|   |   | APPLICANT: Roy Martin          |   |                                  |  |
|   |   | GROUP ART UNIT: 1724           |   | EXAMINER: Frank M. Lawrence, Jr. |  |
| Sheet   | 1 | of                             | 1 |                                  |  |

## U.S. PATENT DOCUMENTS

| Examiner's<br>Initials | Cite<br>No. | U.S. Patent Document |              | Name of Patentee or Applicant of Cited<br>Document | Date of Publication or of issue<br>of Cited Document<br>MM-DD-YYYY |
|------------------------|-------------|----------------------|--------------|--|--|
|                        |             | Number               | Kind<br>Code |  |  |
|                        |             | 4,402,836            |              | Fochtman et al.                                    | 09/06/1983   |
|                        |             | 5,348,665            |              | Schulte et al.                                     | 09/20/1994   |
|                        |             | US2001/0007314       | A1           | Sherman  | 07/12/2001   |
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## FOREIGN PATENT DOCUMENTS

| Examiner's<br>Initials | Cite<br>No. | Foreign Patent Document |          |              | Name of Patentee or Applicant of Cited<br>Document<br>(not necessary) | Date of Publication<br>of<br>Cited Document<br>MM-DD-YYYY | Translation<br>(Y/N) |
|------------------------|-------------|-------------------------|----------|--------------|---|---|----------------------|
|                        |             | Office/<br>Country      | Number   | Kind<br>Code |   |   |                      |
|                        |             | DE                      | 19530086 | A1           |   | 16-8-1995   | Abstract Only        |
|                        |             | DE                      | 19949434 | A1           |   | 8-10-1999   | Abstract Only        |
|                        |             | EP                      | 1057784  | A1           |   | 12-06-2000  |                      |
|                        |             | GB                      | 2306463  | A            |   | 05-07-1997  |                      |
|                        |             |                         |          |              |   |   |                      |
|                        |             |                         |          |              |   |   |                      |
|                        |             |                         |          |              |   |   |                      |

## OTHER ART — NON PATENT LITERATURE DOCUMENTS

| Examiner's<br>Initials | Cite<br>No. | Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item<br>(book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s),<br>publisher, city and/or country where published. | Translation<br>(Y/N) |  |
|------------------------|-------------|---|----------------------|--|
|                        |             | Lisa H. Nowell and Jurg Hoigne, "Photolysis of Aqueous Chlorine at Sunlight and Ultraviolet Wavelengths - II.<br>Hydroxyl Radical Production," <i>Wat. Res.</i> , vol. 26, no. 5, pp. 599-605, 1992.  |                      |  |
|                        |             |   |                      |  |
|                        |             |   |                      |  |

EXAMINER

DATE CONSIDERED

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.